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Docket No: AM1011163
Patent

INFORMATION DISCLOSURE STATEMENT

This Information Disclosure Statement accompanies the new patent application submitted herewith of the following Inventors: Diane Harris BOSCHELLI; Nan ZHANG; Ana Carolina BARRIOS SOSA ; Haris DURUTLIC; Biqi WU

For: Thieno[3,2-b]Pyridine-6-Carbonitriles and Thieno[2,3-b]Pyridine-5-Carbonitriles as Protein Kinase Inhibitors.

1. Preliminary Statements

In accordance with 37 CFR 1.97 and 1.98, Applicants submit herewith patents, publications, or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56. This Information Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) the information is material to the examination of this application; (iii) additional information material to the examination of this application does not exist; (iv) the information, protocols, results and the like reported by third parties are accurate or enabling; or (v) the information constitutes prior art to the subject invention.

2. ☐ Previously Cited Information

No copy of the patents, publications or other information cited on the attached form PTO-1449 is enclosed because it has been previously cited by or submitted to the Office in a prior application which is relied upon for an earlier filing date under 35 USC 120. Prior application is Application Number _____ filed on _____ of _____ for _____

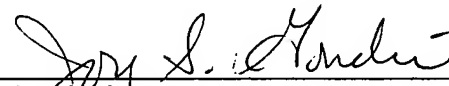
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Janice A. White
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3. ☒ Newly Cited Information
A legible copy of the patents, publications or other information cited on the attached form PTO-1449 is enclosed, except that no copy of a pending U.S. application, a U.S. patent, or a U.S. patent application publication is enclosed.
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			Group Art Unit	N/A
Examiner Name	N/A			
Sheet 1 of 4			Attorney Docket Number	AM101163

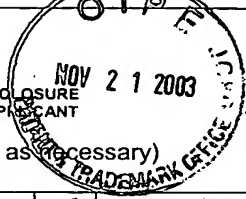
U.S. PATENT DOCUMENTS						
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	1.	US2002/00045	11 A1	Luzzio et al.	01-10-2002	

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	2.	WO	03/013540 A1		Novartis AG	02-20-2003		<input type="checkbox"/>
	3.	WO	01/94353 A1		Pfizer Products Inc.	12-13-2001		<input type="checkbox"/>
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	7.	AVIZIENYTE, Egle et al., "Src-induced de-regulation of E-cadherin in colon cancer cells requires integrin signalling" Nature Cell Biology, 07-22-2002, published online,			<input type="checkbox"/>
	8.	BLUME-JENSEN, Peter et al, "Oncogenic Kinase signalling", Nature (May 17, 2001) Vol. 411:355-365, Macmillan Magazines Ltd.			<input checked="" type="checkbox"/>
	9.	BOYCE, Brendan F. et al, "Requirement of pp60c-src Expression for Osteoclasts to Form Ruffled Borders and Resorb Bone in Mice", The American Society for Clinical Investigation, Inc. 10/1992, 1622-1627, Vol. 90 ISSN 0021-9738			<input type="checkbox"/>
	10.	BRIDGES, Aj et al, " Current progress towards the development of tyrosine kinase inhibitors as anticancer agents", Emerging Drugs (1998) Vol. 3: 279-292, ISSN 1361-9195, Ashley Publications Ltd.			<input type="checkbox"/>
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	12.	DAVIES, Donna E. et al, " Targeting the Epidermal Growth Factor Receptor for Therapy of Carcinomas", Biochemical Pharmacology, (1996) Vol. 51: 1101-1110, ISSN 0003-2952/96, Elsevier Science Inc.			<input type="checkbox"/>
	13.	DU, Jing et al, " abnormal polarization of EGF receptors and autocrine stimulation of cyst epithelial growth in human ADPKD", The American Physiological Society (1995) C487-C495, ISSN 0363-6143/95			<input type="checkbox"/>
	14.	ELICEIRI, Brian P. et al, "Selective Requirement for Src Kinases during VEGF-Induced Angiogenesis and Vascular Permeability", Molecular Cell, (December 1999) Vol. 4: 915-924, Cell Press			<input type="checkbox"/>
	15.	ELLIOTT, Richard L. et al, "The Preparation of 2-(Heterocyclyl) Thieno[3,2-b] Pyridine Derivatives", Tetrahedron (1987) Vol. 43, No. 14 3295-3302, ISSN 0040-4020/87 Pergamon Journals Ltd., Great Britain			<input type="checkbox"/>
	16.	ELLIS, Lee M. et al, "Down-regulation of Vascular Endothelial Growth Factor in a Human Colon Carcinoma Cell Line Transfected with an Antisense Expression Vector Specific for c-src", The Journal of Biological Chemistry, (1998) Vol. 273 No.2 1052-1057, The American Society for Biochemistry and Molecular Biology, Inc.			<input type="checkbox"/>
	17.	FOLKMAN, Judah et al, "Angiogenesis in cancer, Vascular, Rheumatoid and other disease", Nature Medicine (1995), Vol. 1, No. 1: 27-31			<input type="checkbox"/>
	18.	GARRETT, Michelle D. et al, "CDK inhibition and cancer therapy", Genetics & Development (1999) Vol. 9:104-111, ISSN 0959-437X, Elsevier Science Ltd.			<input type="checkbox"/>

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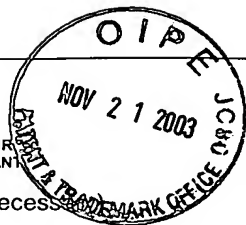
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	19.	GATTONE II, Vincent H. et al, " Epidermal Growth Factor Ameliorates Autosomal Recessive Polycystic Kidney Disease in Mice", Developmental Biology (1995) Vol. 169: 504-510, ISSN 0012-1606/95, Academic Press, Inc.	<input type="checkbox"/>
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	38.	PAUL, Robert et al, "Src deficiency or blockade of Src activity in Mice provides crebral protection following stroke", Nature Medice (February 2001), Vol. 7, No. 2: 222-227, Nature Publishing Group	<input type="checkbox"/>
	39.	RAINES, Elaine W. et al, "Mutiple growth factors are associated with lesions of atherosclerosis: specificity or redundancy", BioEssays (1996) Vol. 18, No.4: 271-282, ICSU Press	<input type="checkbox"/>
	40.	REISS, Michael et al, "Activation of the Autocrine Transforming Growth Factor & Pathway in Human Squamous Carcinoma Cells", Cancer Research (December 1, 1991) Vol. 51: 6254-6262	<input type="checkbox"/>
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	43.	RUSCH, Valerie et al, "The Epidermal Growth Factor Receptor and its Ligands as Therapeutic Targets in Human Tumors", Cytokine & Growth Factor reviews (1996) Vol. 7, No. 2:133-141, ISSN 1359-6101/96, Elsevier Science Ltd., Great Britain	<input type="checkbox"/>
	44.	SATO, Thomas N. et al, "Distinct roles of the receptor tyrosine kinases Tie-1 and Tie-2 in blood vessel formation", Nature (July 6, 1995), Vol. 376: 70-74	<input type="checkbox"/>
	45.	SAVAGE, David G. MD et al, "Imatinib Mesylate - A New Oral Targeted Therapy", The New England Journal of Medicine (February 28, 2002) Vol. 346, No. 6: 683-693, Massachusetts Medical Society	<input type="checkbox"/>
	46.	SAWYER Tomi et al, "Src inhibitors: genomics to therapeutics", Expert Opinion Investigative Drugs (2001) Vol. 10 No.7:1327-1344, ISSN 1354-3784, Ashley Publications Ltd.	<input type="checkbox"/>
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	53.	SORIANO, Philippe et al, "Targeted Disruption of the c-src Proto-Oncogene Leads to Osteopetrosis in Mice", Cell (February 22, 1991), Vol. 64: 693-702, Cell Press	<input type="checkbox"/>
	54.	STALEY, Charles A. et al, "Decreased Tumorigenicity of a Human Colon Adenocarcinoma Cell Line by an Antisense Expression Vector Specific for c-Src", Cell Growth & Differentiation (March 1997) Vol. 8: 269-274	<input type="checkbox"/>
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	57.	URBAN, L. et al, "Chronic Neuropathic Pain: Pathomechanism and Pharmacology", Drug Development Research (2002) Vol. 54:159-166, Wiley-Liss, Inc.	<input type="checkbox"/>
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	59.	WEBSTER, Kevin R. et al, "The therapeutic potential of targeting the cell cycle", Expert Opinion Invest. Drugs (1998), Vol.7 No.6:865-887, ISSN 1354-3784, Ashley Publications Ltd.	<input type="checkbox"/>

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	60.	WILSON, Patricia D. et al, "Autocrine, endocrine and paracrine regulation of growth abnormalities in autosomal dominant polycystic kidney disease", European Journal of Cell Biology (1993), Vol. 61:131-138, Wissenschaftliche Verlagsgesellschaft mbH	<input type="checkbox"/>
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